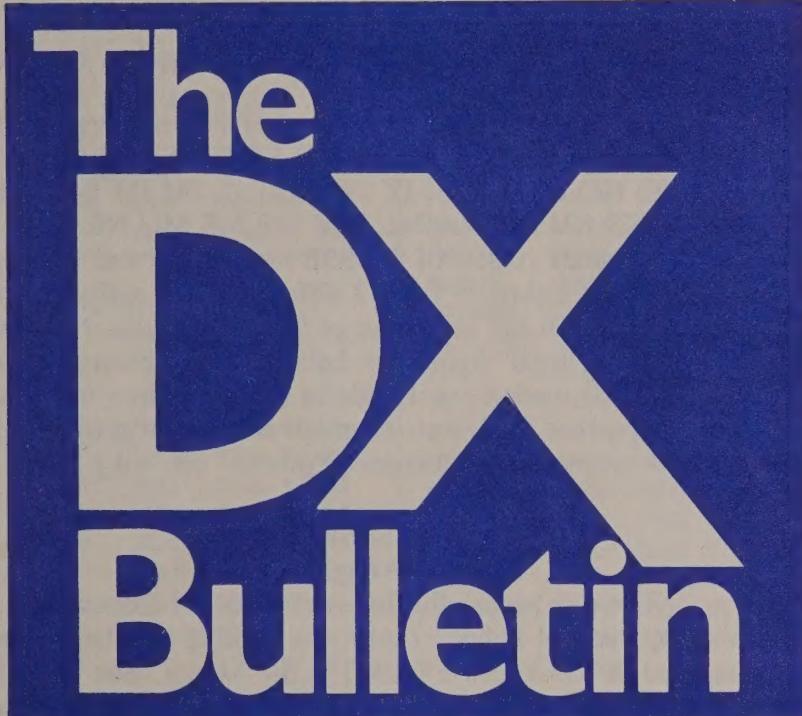


Sri Lanka - 4S Four UK amateurs will operate as

4S0UK June 11-July 4. Operators Doug Goodison G0LUH, Dave Bowman G0MRF (ex-G8PDW), Jan Vasek G0OHW, and Paul Nicholls G0ONA will concentrate on 20, 15, 10, and 6 meters, but will also operate on the new bands and 40 and 80 meters. Mostly SSB, with some CW, RTTY, and AMTOR operation. They'll use beam antennas and amplifiers to ensure good signals. QSL to G8PDW, 31 Benson Close, Hounslow, Middlesex, TW3 3QX, England, or via the RSGB bureau. Sunrise 0030Z; sunset 1250Z.

Cayman Islands - ZF Tom Morton KT6V will operate as **ZF1A** in the WPX CW test May 30-31. On May 28-29, he'll be on as **ZF2QV**, especially on the new bands. QSL this ZF1A operation only, and ZF2QV, to KT6V, 13667 Calais Dr., Del Mar CA 92014.

Edited by Chod Harris VP2ML



Liechtenstein - HB0 Three Hungarian amateurs will operate **HB0** June 29-July 5 (or perhaps extending to July 8.) 80-10 meters, including the new bands, on CW, SSB, and digital modes. Look for Feri HA0ET on RTTY and packet, Jani HA0KB on CW and RTTY, and Laci HA0HW on SSB. On CW, try 8 or 28 kHz up, listening 1-5 kHz up. On SSB, try 3799, 7045, 14195, 14270, 18115, 21295, 24935, 28395, and 28495 kHz, listening up. On RTTY, try 85 kHz up. QSL to the 1992 *Callbook* address of HA0HW: Szabó László. P. O. Box 24, Püspökladány H-4151, Hungary.

St. Christopher Island - V4 Craig Maxey WB7RFA will operate as **V40X** in the WPX CW test May 30-31. QSL to Box 608, Basseterre, St. Kitts, Leeward Islands. He'll be active under his usual call of **V47ITU** as well, outside the test; same QSL route.

May 15, 1992

Shortly Noted

- **ZF2QP** will be active in the WPX CW test, operated by Vern Fowler W8BLA. He'll be on the new bands outside the test. QSL home call.
- **D68** is the first African destination of Baldur DJ6SI and DJ3OC. They'll also try to operate from **Tromelin FR/T**. Yoland FR5AI had to cancel his planned Tromelin trip.
- **V73EU** Scott KB6CC continues to operate from Majuro Island (OC-029) until June 1. He checks into the net on 14236 kHz at 0300Z, and has a sked on 21402 kHz at 0100Z. QSL home call.
- **YI1RM** has been noted on 28605 kHz at 1530Z. QSL operator Majid at Box 5864, Baghdad. Club station **YI1BGD** likes $28500 \pm$ kHz at 12-1400Z; QSL as directed.
- **GB6SIX** will be active June 1-Sept. 30, celebrating the tenth anniversary of the UK Six Meter Group. The call will be operated in various UK spots. More details later.
- **VP8-/92HY** stations are Falkland Islanders commemorating their Heritage year. ([DXNS](#).)
- **DXCC News:** The DXCC desk has accepted the documentation for the **YASMM** Afghanistan operation. The [ARRL Letter](#) reports that DXCC applications are taking about four months to get to the top of the pile. The good news is that they are returning QSL cards immediately upon checking, rather than waiting until the certificate/stickers are prepared. Documentation for the **HA5BUS/S2** and **YA/OK1IAI** operations has been sent to the ARRL.
- The **UV3AAC/4K2** Franz Josef Land operation has been postponed until 1993. Dmitril Serov is currently operating as **4K4/EK0AAC** from (AS-042).
- **ITU Day** is May 17; be prepared for some unusual calls. For example, AX-ITU stations will be on from the various call areas of Australia.
- The 15-meter CW pirate is branching out. Recent bogus 15-meter CW operations include **VP9KD** Mar. 20-26, and **CY0SAB** in late March and early May. [VE1CBK says he may get to Sable Island in June, mostly SSB.] The **HA5BUS/A5** operation was also by a pirate.
- **SSB Net** check-ins: **14222**: (0030Z) ZK1TW 9H1GY 4X4ML EA8BYR PJ4CR; **14227**: (11, 22Z) 8R1UN 3D2AG JT1BG 9M8DB J28GG VP8CGK (South Georgia) VK0NE; **21335**: (14Z) UD6DR UI8ZAA TL8NG YC4FP.
- **RTTY:** Regulars: **J88BS** 21086 15-2000Z; **ZA1TAA** 14085 \pm 0300Z. Spots: **P29BT** 14083 0615Z; **YI1BGD** 21085 0855Z; **5H3AS** 21084 1400Z; **A92FG** 21083 1430Z; **3C1EA** 21090 1600Z; **C9RTC** 14074 1715Z; **H44JS** 14084 1100Z.
- **Islands On The Air:** The call used in the Cedar Key operation was **KE4VU**, not **KO4J**. **HL0KTA/5** will be on from (AS-045) May 23-25; QSL **HL1XP**. **TM5CHA** will be on from (EU-039) May 23-29. Spots on the IOTA frequency of 21260 kHz: **YC8VZR** (OC-030) 0425Z; **YB9AWR** (OC-151) 1525Z; **AB4VT** (NA-052) 1500Z; **VK6VS/P** (OC-164) 0500Z; **VO1TX** (NA-027) 1730Z.

Propagation

Forecast and Historical Data

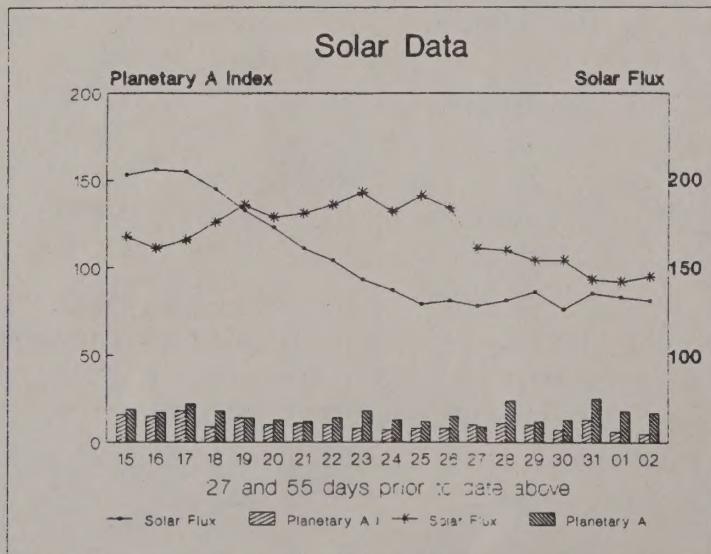
Day	Forecast	27 Days Before			55 Days Before				
		Date	Flux	A	K	Date	Flux	A	K
May 1992		04/18	203	15/16	2	03/22	161	12/17	1
15	High Normal	04/19	206	12/15	2	03/23	166	21/22	4
16	High Normal	04/20	205	18/18	1	03/24	176	11/18	2
17	High Normal	04/21	195	08/09	1	03/25	186	14/14	3
18	High Normal	04/22	183	11/14	3	03/26	179	11/13	3
19	High Normal	04/23	173	09/10	2	03/27	181	08/12	3
20	High Normal	04/24	161	10/11	2	03/28	186	10/14	2
21	High Normal	04/25	154	10/10	2	03/29	193	15/18	2
22	High Normal	04/26	143	06/08	3	03/30	182	11/13	2
23	High Normal	04/27	137	03/07	2	03/31	191	09/12	2
24	High Normal	04/28	129	07/08	0	04/01	184	12/15	1
25	High Normal	04/29	131	06/08	2	04/02	161	04/09	2
26	High Normal	04/30	128	07/10	0	04/03	160	24/24	4
27	High Normal	05/01	131	11/11	3	04/04	154	10/12	2
28	High Normal	05/02	136	16/10	2	04/05	154	11/13	2
29	High Normal	05/03	126	08/07	2	04/06	143	28/25	2
30	High Normal	05/04	135	10/13	2	04/07	142	15/18	2
31	Low Normal								

Propagation Watch

The prolonged period of stable geomagnetic field, and good propagation, came to an abrupt halt on May 8. Sunspot Region 7154 emitted an M7-class flare while in the center of the sun. The stream of particles from this flare was thus aimed directly at the earth. Two days later these particles arrived in our upper atmosphere, and generated a major geomagnetic storm, and intense polar cap absorption (PCA). This combination essentially wiped out the polar paths, high-latitude paths, and long paths that pass near the poles. The Boulder K index remained at 5 or above all day May 10, for example. This means signals were weak, noise levels were high, and long-haul DX was absent.

The good news is that Region 7154 has decreased in size and flare output, so we shouldn't have to put up with another such disruption in the next day or so before it rotates to the back of the sun.

Solar flux remains very low, at its lowest levels in two years. This is supposed to be the monthly peak of solar activity, with levels declining over the next two weeks (see graph below). Continued low solar flux will limit openings on 10 and 12 meters, but 15 and 17 meters should remain good daytime DXing bands, with 20 meters good at dawn, and again in the early evening, local time. Good hunting!



Legal Stations In Lebanon

The Association des Radio-Amateurs Libanais (RAL), the radio society of Lebanon, reports that many OD stations on the air are not presently licensed by the Lebanon PTT:

"...A great attention should be paid to the actual pirate situation in OD5-land, as an increasing number of self-adopted callsigns are appearing on the radio-amateur bands and abusing the amateur hobby. These pirate stations are also appearing on several net frequencies, operating as DX stations. These pirate operators are insisting that they are legal, but we do confirm that they are out of the legal authority."

"Lebanon is still under foreign occupation and several regions are therefore out of legal authority. For this reason it is still difficult to put an end to all kinds of pirates. We have been trying very hard to put an end to this inconvenient situation. We have established a list of all the pirate stations operating from Lebanon."

"We do regret this abnormal situation in Lebanon and will exercise all efforts together with the Lebanese authorities, to put an end to this situation and to bring it back to normal."

List of valid OD5 suffixes, as of Feb. 1992: AW BE BU CN CX EI EP ET EX FB FE FG FH FI FZ GI HC HD HO HQ HU IG IM IZ JA JE JI JL JM JU JW JZ KB KI KO KS KV MA ML MM MP MS MU NE.

[A quick review of the SSB net listings and Bandpass reports since February finds 7 different OD5 suffixes, none of which are on the above list of 'legal' licensees. Not one of the listed 'legal' stations in Lebanon have been reported by our 7,800 readers worldwide in the past three months. Let's hope that RAL puts as much effort into getting legal stations on the air as in chasing 'pirates' off. -ed.]

A Visalia Tale

by Jules Wenglare W6YO

The day before the International DX Convention at Visalia, Michael Pellock NA6J was looking at a large one-page ad of the Yaesu FT-1000 in the March issue of *QST* at his home in Cathys Valley. He remarked to his wife Alice that some day he would like to buy one. When she asked how much it costs, Mike said in the neighborhood of \$4,500.

"Wow, that's a lot of money," she said.

"Well, maybe I'll be lucky and win one at the DX convention," Mike replied.

"I doubt if they would even have a prize that expensive," Alice remarked, "Although they really should, because hams come from all over the world to the convention, and it must cost them a considerable amount of money. And even if they did have one as a prize, I doubt that you would be the lucky one to win."

"Well," Mike said, "You never know."

As the reader must have guessed by now, Mike NA6J took home the grand prize of a Yaesu FT-1000 from Visalia, plus a 40-foot tubular tower, donated by US Towers. And Alice is giving up doubting.

Romeo in Alabama

Romeo 3W3RR will be at the Birmingham AL hamfest May 16-18, at the Jefferson Civic Center. He'll have XY0RR logs and cards available.

B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
26	27	28	29	30	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

RTTY

3C1EA	21091	1530	30	OH
7Q7XX	21085	1818	6	PA
A45ZX	14084	0155	5	PA
A92FG	14091	0101	3	PA
ES7FQ	14086	0345	5	PA
FM5WD	21088	2332	9	CA
GU5LP	14085	2212	4	PA
J88BS	21085	1445	2	OH
VP5JM	14086	0121	8	PA
VP5JM	21086	2320	9	CA
VP8BFH	14089	0123	10	CA
VQ9AR *	14075	1320	3	IL
ZA1TAA	14088	0252	5	PA

80 Meters

FM5WD	3506	0416	30	NH
TU2MA	3508	0125	4	IA

75 Meters

H18OMA	3798	0448	30	AZ
VK6LK *	3798	2258	3	MA

40 Meters

3B8CF	7003	1330	10	CA
A22BW	7006	0500	11	CA
FK8FU	7020	0640	9	CA
JT1CS	7004	1220	4	IA
PZ1DY	7003	0300	5	IA
TU4SR	7005	0135	1	GA
UA0FZ *	7008	1107	10	CA
V63MS	7007	1150	4	IA
VK8AV	7012	1135	4	IA
VP8GAV	7011	0850	4	IA
				Antarctica
YL2GA	7004	0310	5	IA
Z21HS	7005	0437	10	CA
Z21HS	7006	1448	10	CA
ZA1TAI	7003	0322	28	IL
ZD9HOG	7005	0454	10	CA

30 Meters

5H3RA	10103	2201	2	NH
5N0ZKJ	10103	2222	5	PA
5T5CJ	10115	0735	5	NH
6W6JX	10111	0626	7	PA
7P8SR	10105	2146	30	NH
HH2PK	10103	1040	3	PA
KH2FT	10101	1130	6	PA
LX2PA	10110	0432	3	PA
TA2AO	10103	0320	29	SC
V47GW	10109	0548	1	NH
VK6HD	10104	2333	7	PA
Z21HS	10102	2234	1	VA
ZA1TAJ	10103	0205	2	GA
ZB2FK	10114	2222	3	PA
ZD8LII	10104	0007	7	PA

20 Meter CW

3B8CF	14039	0312	6	MN
3B8FG	14021	0311	4	MN
4K1YAR	14012	0202	29	CA
4K1YAR	14006	1122	5	MA
				Antarctica
4L6HMC	14029	0425	1	WA
4S7CF	14004	0035	30	MI
4S7CF *	14011	1228	4	MN
4S7WP	14004	2155	3	GA
5H3RA	14027	0033	1	NH
9H3JR	14015	0035	5	GA
9K2MU	14018	0100	1	IA
9K2ZR	14016	0250	3	GA
9V1JY	14022	1400	3	IL
9V1XR	14013	1521	11	CA
A41JZ	14011	0257	7	MN
AM25GCV	14012	2255	6	GA
BV2A	14017	1249	25	IL
BV2DM	14017	1231	4	MN
BV2TA	14008	1350	3	IL
BV4CT	14029	1538	2	MN
EZ4AP	14020	0335	10	CA
FK8FG	14014	0616	11	CA
FK8FG	14012	1130	2	IA
FK8FS	14022	1212	4	MN
FP1AW	14035	1351	3	MN
HS1CDX	14005	1108	30	MA
JW0E	14021	0302	6	MN
JY9ZK	14021	0030	29	NH
RA73WS	14013	0120	1	GA
RW73WA	14022	2250	6	GA
RY1I	14032	0320	3	GA
S79DEQ	14009	1305	30	WI
TA7M	14021	0020	4	GA
TU2MA	14014	0155	2	GA
TU4SR	14025	0130	28	CO
UA0YO	14009	0054	5	MA
				Zone 23
UC2AGE	14006	0145	29	ID
UD6AI	14013	0047	7	MN
UI9ADT	14018	0150	2	IA
UJ8AH	14007	0039	4	MN
UL7MU	14024	0150	28	CO
UL7PJF	14025	1255	2	MI
UL8BWO	14012	0026	3	MI
UM8DX	14031	0205	2	IA
V63BW	14026	0714	4	WA
V85AA	14004	1617	9	CA
VQ9AR	14006	1216	5	MN
VU2NI *	14016	1115	5	MA
XX9GD	14004	1335	3	MN
YB3OSE	14012	1317	3	MN
YN/	14017	1214	7	MN
SM0OIG	14006	2247	3	MN
Z21CA *	14030	1312	29	ID
Z21HS	14017	0614	3	CA
Z23JO *	14017	1355	2	MN
ZA1TAA	14033	0310	6	MN
ZA1TAJ	14024	0110	1	GA
ZC4CZ	14025	0235	30	SC

20 Meter SSB

8R1/	14248	0659	7	CA
G4SMC	14220	2222	9	CA
9V1YQ	14185	1040	5	IA
A71BY	14220	0035	30	IA
BY1QH	14197	1144	4	MD
CE0YAA	14185	0522	30	CA
H44JS	14251	0442	30	AZ
HH2MC	14198	0206	10	CA
JY5IN	14205	0012	4	MN
JY9ZK	14227	0224	28	CO
KC4AAA	14296	0520	3	MN
				South Pole
UH8EA	14267	2334	3	MN
VK9LV	14236	1135	4	MA
				Lord Howe Island
VQ9AR *	14175	1315	3	IL
VU2AU *	14194	1228	25	IL
VU2DNL *	14180	1421	3	IL
VU2LZ *	14194	1232	25	IL

15 Meter SSB

6W6JX	21302	1816	3	MN
7Q7RM	21268	1825	3	IA
9K2MC	21222	1958	4	MA
9M2CW	21280	1656	30	MD
9Q5LN	21250	2055	28	IA
9X5HG	21231	2126	3	MN
9X5JA	21231	2120	3	GA
A61AC	21240	2020	28	IA
AP2MYC	21244	1618	2	CA
EO8BED	21306	1640	3	GA
EP2AG	21270	1242	28	MD
OD5/	21252	1954	4	MA
SM4RIR				
OD5ZZ	21252	2005	4	MA
V73EU	21382	0203	2	CA

12 Meter CW

7P8SR	24900	1739	3	NH
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12 Meter SSB

J37AJ	24955	2225	7	CA
S79HP	24955	1652	27	NY

10 Meter CW

3X0HNU	28027	1728	26	VA
7P8SR	28029	1721	26	VA
HF0POL	28008	1840	28	NH
				South Shetlands
PZ1DY	28030	1630	3	GA

YN/	28015	1427	3	IL
SM0OIG	28020</td			

Current and Future DXpeditions

(Changes and hot info in boldface.)

DXCC Country	Prefix	Callsign	Dates	Issue
American Samoa	KH8	AA5K, JA3JA	May 29-June 1	I636
Antigua	V2	V29PI	Now	I631
Botswana	A2	A22MN	now active	I637
Burkina Faso	XT	XT2BW	one year	I628
Cambodia	XU	XU7VK	Now-July	I637
Cayman Islands	ZF	ZF8DX 9JE	May 5-19	I634
		ZF1A/ZF2QV	May 28-31	I638
		ZF2QP	WPX CW test	I638
Comoros	D6	DJ6SI/DJ3OC	soon	I638
Fiji	3D	3D2QB	28007 01Z	I622
Guyana	8R1/	G4SMC	to mid-May	I634
ITU Geneva	4U7ITU		May 28-31	I637
Ivory Coast	TU	TU4SR	to mid-June	I636
Kuwait	9K	9K2WR	to July	I620
Liechtenstein	HB0/	HA0s	June 29-July 5	I638
M-V Island	4J1FS		May 26-June 9	I637
Marshall Islands	V73	V73EU	Now-June 1	I637
Micronesia	V6	V62DX/CW	May 22-28	I636
Pakistan	AP/	WA2WYR	Now active	I619
St. Kitts	V4	V40X/V47ITU	WPX CW	I638
Sri Lanka	4S	SS0UK	June 11-July 4	I638
Svalbard	JW	JW5NM	May 4+	I632
Tonga	A3	A35J/K	June 1-5	I636
Tromelin	FR/T	FR4AI/T	Cancelled	I638
Vietnam	XV	XV7TH	21295 13-16Z	I637

Operating Events and DX Gatherings

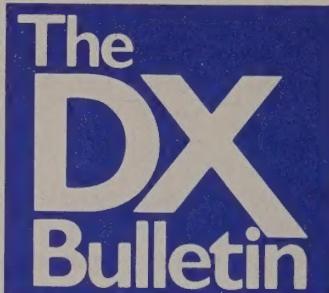
Dates	Event	Reference:
July 4-18	Siberian International	I637
July 17-19	DXPO Atlanta GA	
July 24-26	Northwest DX Convention, Seattle WA	
Aug. 21-23	ARRL National, Los Angeles	
Aug. 28-30	New Orleans DX Convention	
Oct. 10-11	DXPO 92, Washington DC	

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, AA6YQ, AB8K, ARRL Letter, G0MRF, HA0HW, K0CVD, K2IAB, K4GLU, K4II, K4LNA, K6GNX, K6IR, K7EX, K9UE, KA7T, KB5NME, KD6PY, KD6WW, KD7SO, KE4VU, KG4O, KG6I, KI6YB, KK6H, KM9J, KN4FY, KQ3S, KR7L, KT6V, KT7H, Lynx DX, N1DL, N1HN, N2GLH, N6HLE, N6JQL, N6JV, N6QR, NF6S, NI6T, NR7E, OK3EI, VP9KD, W0JRN, W0RXL, W1BFT, W1FV, W1HH, W6HF, W6JOX, W6JZH, W6OTC, W6YO, W8CH, W8CT, W9HAO, WA2MZX, WA9AQE, WB2AQC, WB7RFA, WB8YJF, WB8ZRL, WD9GGY, WG0O, WJ7R. Thanks for your help! - chod.

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
Ivory Coast	TU4SR	21025	2100Z
Ivory Coast	TU4SR	14024	0130Z
Lebanon	OD5ZZ	21245±	2000Z
Lord Howe Island	VK9LV	14240±	1130Z
Macao	XX9GD	14040	1330Z
Mauritius Island	3B8FG	14030±	0245, 13Z
Mauritius Island	3B8CF	10104	1400Z
Mozambique	C9RTT	28465	1250Z
New Caledonia	FK8FG	14016±	0600Z
Rwanda	9X5HG	21240±	2130Z
Rwanda	9X5HG	21015±	0000Z
Sri Lanka	4S7WP	14007	1230Z
Taiwan	BV4CT	14025	1445Z
Taiwan	BV2DA	21010	1630Z
Tajikistan	UJ8AH	14006	0040Z



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DXCC Country	Callsign	Freq.	UTC
Vietnam	XV7TH	21030	1320Z
Zimbabwe	Z21CA	28015±	1500Z

ARRL's Spectrum Management Committee

The ARRL has proposed a system to increase input on spectrum management issues, especially on VHF and concerning repeaters. An ad-hoc subcommittee of the League's Board has suggested that the existing VRAC and VUAC be replaced with a Spectrum Management Committee composed of individuals representing repeater coordinating groups (3), ATV (1), satellite (1), digital (1), weak-signal (1), and the ARRL Board (2). This proposal will probably be discussed at the summer meeting of the ARRL Board. Anyone with comments on this proposal should direct them to their ARRL Director. [Presumably PacketCluster® would fall under the 'digital' representative. -ed.]